

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(c) of any United States Provisional application(s) identified below:

Provisional application Serial No. 60/089967 filed on June 19, 1998.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Gain Tilt Control With Mid-Stage Attenuators In Erbium-Doped Fiber Amplifiers** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

International Application No.	Filing Date	Status
PCT/US99/13812	18 June 1999	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. Bean	(Reg. No. P-44528)
Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Jeffery J. Brosemer	(Reg. No. 36096)
Kenneth M. Brown	(Reg. No. 37590)
Craig J. Cox	(Reg. No. 39643)
Donald P. Dinella	(Reg. No. 39961)
Guy H. Eriksen	(Reg. No. 41736)
Martin I. Finston	(Reg. No. 31613)
William S. Francos	(Reg. No. 38456)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Anthony Grillo	(Reg. No. 36535)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Michael B. Johannesen	(Reg. No. 35557)
Mark A. Kurisko	(Reg. No. 38944)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
Scott W. McLellan	(Reg. No. 30776)
Martin G. Meder	(Reg. No. 34674)
John C. Moran	(Reg. No. 30782)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Eugen E. Pacher	(Reg. No. 29964)
Jack R. Penrod	(Reg. No. 31864)
Gregory C. Ranieri	(Reg. No. 29695)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ronald D. Slusky	(Reg. No. 26585)
David L. Smith	(Reg. No. 30592)
Ozer M. N. T. it lbaum	(Reg. No. 36698)
John P. Veschi	(Reg. No. 39058)

David Molejnick
Charles L. Warren
Jeffrey M. Weinick
Eli Weiss

(Reg. No. 29355)
(Reg. No. 27407)
(Reg. No. 36304)
(Reg. No. 17765)

Please address all correspondence to the Docket Administrator (Rm. 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P. O. Box 636, Murray Hill, New Jersey 07974-0636. Telephone calls should be made to Jeffery J Brosemer by dialing 732-949-6710.

Full name of 1st joint inventor: Atul Kumar Srivastava

Inventor's signature _____ Date _____

Residence: Eatontown, Monmouth County, New Jersey

Citizenship: India

Post Office Address: 111B White Street
Eatontown, New Jersey, 07724

Full name of 2nd inventor: James William Sulhoff

Inventor's signature _____ Date _____

Residence: Ocean, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: 1147 Deal Road
Ocean, New Jersey, 07712

Full name of 3rd inventor: Yan Sun

Inventor's signature _____ Date _____

Residence: Middletown, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 908 Knollwood Drive
Middletown, New Jersey, 07748

Full name of 4th inventor:  es L. Wolf

Inventor's signature _____ Date _____

Residence: Oceanport, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: P.O. Box #101
Oceanport, New Jersey, 07757

Full name of 5th inventor: Jianhui Zhou

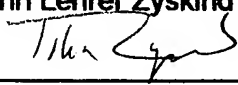
Inventor's signature _____ Date _____

Residence: Freehold, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 119 Kentucky Way
Freehold, New Jersey, 07728

Full name of 6th inventor: John Lehrer Zyskind

Inventor's signature  Date 6/4/2001

Residence: Concord, Middlesex County, Massachusetts

Citizenship: United States of America

Post Office Address: 11 Old Mill Road
Concord, MA 01742-3923

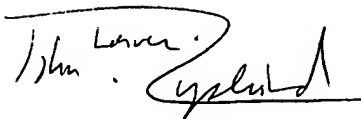
ASSIGNMENT AND AGREEMENT

For value received, we, Atul Kumar Srivastava, of Eatontown, in the County of Monmouth and State of New Jersey, and James William Sulhoff, of Ocean, in the County of Monmouth and State of New Jersey, and Yan Sun, of Middletown, in the County of Monmouth and State of New Jersey, and Charles L. Wolf, of Oceanport, in the County of Monmouth and State of New Jersey and Jianhui Zhou, of Freehold in the County of Monmouth and the State of New Jersey and John Lehrer Zyskind, of Concord in the County of Middlesex and the State of Massachusetts, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **"GAIN TILT CONTROL WITH MID-STAGE ATTENUATORS IN ERBIUM DOPED FIBER AMPLIFIERS"** described in an application for Letters Patent of the United States, Serial No. 60./089967, filed June 19, 1998, and all the rights and privileges in said application and under any and all Letter Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.



John Lehrer Zyskind

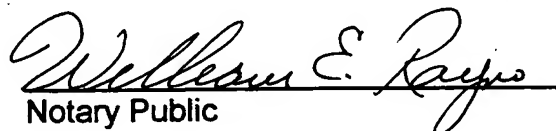
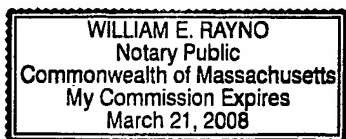
Date: June 4, 2001

United States of America)

State of Massachusetts) ss.:

County of Middlesex)

On this 4th day of June, 2001, before me personally came, John Lehrer Zyskind to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636